

Listing of the Claims

This Listing of the Claims will replace all prior versions and listings of claims in this application:

Claims 1-10: Cancelled

11. (New) In a computer-controlled image capturing system that includes an imaging device that captures a live video image of a display object and a remote computer terminal connected to the imaging device to receive image data from the imaging device relating to the display object and to transmit control signals to the imaging device, a method of remotely adjusting an operating parameter of the imaging device, the method comprising:
- (a) determining a parameter value range for the operating parameter;
 - (b) dividing the parameter value range into a plurality of operating parameter values,
 - (c) transmitting a parameter control signal from the remote computer terminal to the imaging device that causes the image capturing system to generate a plurality of still images, each still image corresponding to the live video image captured when the imaging device is operating at a corresponding one of the plurality of operating parameter values;
 - (d) simultaneously displaying the plurality of still images,
 - (e) selecting a preferred still image from the plurality of displayed still images;
 - (f) determining an updated parameter value range for the operating parameter based upon the operating parameter value associated with the selected preferred still image;
 - (g) dividing the updated parameter value range into a plurality of updated operating parameter values;
 - (h) transmitting an updated parameter control signal from the remote computer terminal to the imaging device that causes the image capturing system to generate a plurality of updated still images, each updated still image corresponding to the live video image captured when the imaging device is operating at a corresponding one of the plurality of updated operating parameter values;

- (i) repeating steps (d) – (h) above with respect to iteratively updated operating parameter value ranges until a final still image is selected; and
- (j) transmitting a final parameter control signal from the remote computer terminal to the imaging device such that the imaging device captures a final live video image using the updated operating parameter control value associated with the selected final still image.

12. (New) In a computer-controlled image capturing system that includes an imaging device that captures a live video image of a display object and a remote computer terminal connected to the imaging device to receive image data from the imaging device relating to the display object and to transmit control signals to the imaging device, a method of adjusting an operating parameter of the imaging device, the method comprising:

- (a) determining a parameter value range for the operating parameter;
- (b) dividing the parameter value range into a plurality of operating parameter values;
- (c) transmitting a parameter control signal from the remote computer terminal to the imaging device that causes the image capturing system to generate a plurality of video motion loops, each video motion loop corresponding to the live video image captured when the image device is operating at a corresponding one of the plurality of operating parameter values;
- (d) simultaneously displaying the plurality of video motion loops;
- (e) selecting a preferred video motion loop from the plurality of displayed video motion loops;
- (f) determining an updated parameter value range for the operating parameter based upon the operating parameter value associated with the selected preferred video motion loop;
- (g) dividing the updated parameter value range into a plurality of updated operating parameter values;
- (h) transmitting an updated parameter control signal from the remote computer terminal to the imaging device that causes the image capturing system to generate a plurality of updated video motion loops, each updated video motion loop corresponding to the live video image captured when the imaging device is operating at a corresponding one of the plurality of updated operating parameter values;

- (i) repeating steps (d) – (h) above with respect to iteratively updated operating parameter value ranges until a final video motion loop is selected; and
- (j) transmitting a final parameter control signal from the remote computer terminal to the imaging device such that the imaging device captures a final live video image using the updated operating parameter control value associated with the selected final video motion loop.

13. (New) In a computer-controlled image capturing system that includes an imaging device that captures a live video image of a display object and a remote computer terminal connected to the imaging device to receive image data from the imaging device relating to the display object and to transmit control signals to the imaging device, a method of adjusting an operating parameter of the imaging device, the method comprising:

- (a) determining a parameter value range for the operating parameter;
- (b) dividing the parameter value range into a plurality of operating parameter values;
- (c) transmitting a parameter control signal from the remote computer terminal to the imaging device that causes the image capturing system to generate a plurality of still image sequences, each still image sequence corresponding to the live video image captured when the image device is operating at a corresponding one of the plurality of operating parameter values;
- (d) simultaneously displaying the plurality of still image sequences;
- (e) selecting a preferred still image sequence from the plurality of still image sequences loops;
- (f) determining an updated parameter value range for the operating parameter based upon the operating parameter value associated with the selected preferred still image sequence;
- (g) dividing the updated parameter value range into a plurality of updated operating parameter values;
- (h) transmitting an updated parameter control signal from the remote computer terminal to the imaging device that causes the image capturing system to generate a plurality of updated still image sequences, each updated still image sequence corresponding to

the live video image captured when the imaging device is operating at a corresponding one of the plurality of updated operating parameter values;

- (i) repeating steps (d) – (h) above with respect to iteratively updated operating parameter value ranges until a final still image sequence is selected; and
- (j) transmitting a final parameter control signal from the remote computer terminal to the imaging device such that the imaging device captures a final live video image using the updated operating parameter control value associated with the selected final still image sequence.